

High performance curable polymers and processes for the preparation thereof

Patent Number: EP0827033, A3
Publication date: 1998-03-04
Inventor(s): NARANG RAM S (US); FULLER TIMOTHY J (US)
Applicant(s):: XEROX CORP (US)
Requested Patent: JP10090897
Application Number: EP19970306210 19970815
Priority Number(s): US199960705372 19960829
IPC Classification: G03F7/038
EC Classification: G03F7/038S, B41J2/16B4, G03F7/038
Equivalents: US5945253

Abstract

Disclosed is a composition which comprises a polymer containing at least some monomer repeat units with photosensitivity-imparting substituents which enable crosslinking or chain extension of the polymer upon exposure to actinic radiation, said polymer being of the formula or wherein x is an integer of 0 or 1, A and B are specified groups and n is an integer representing the number of repeating monomer units, wherein said photosensitivity-imparting substituents are allyl ether groups, epoxy groups, or mixtures thereof. Also disclosed are a process for preparing a thermal ink jet printhead containing the aforementioned polymers and processes for preparing the aforementioned polymers.

Data supplied from the esp@cenet database - I2